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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/781,128	02/18/2004	Lucio Proni	56730.79	3357

60474 7590 01/10/2007
GRAY ROBINSON, P.A.
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EXAMINER	1
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KIM, PAUL D

ART UNIT	PAPER NUMBER
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3729

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/10/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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Office Action Summary	Application No.	Applicant(s)	
	10/781,128	PRONI, LUCIO	
	Examiner	Art Unit	
	Paul D. Kim	3729	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☒ Claim(s) 3 and 17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>5/19/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is a response to the restriction requirement filed on 11/13/2006.

Election/Restrictions

1. Applicant's election without traverse of Group I, claims 1-17, in the reply filed on 11/13/2006 is acknowledged.
2. The non-elect claims 17-39 are cancelled hereby filed on 11/13/2006.

Specification

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: --A METHOD OF ASSEMBLING A
LOUDSPEAKER--.

Claim Objections

4. Claims 1-17 are objected to because of the following informalities:

Re. Claim 1: The phrase "The method" as recited in line 1 appears to be --A
method--.

The phrase "the frame and the motor structure" as recited in line 2
appears to be --a frame and a motor structure--.

The phrase "the moving assembly" as recited in line 4 appears to be --a
moving assembly--.

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Re. Claim 2: The phrase "a frame" as recited in line 2 appears to be --the frame--.

The phrase "a motor structure" as recited in line 6 appears to be --the motor structure--.

The phrase "the spaced mounting holes" as recited in line 8 appears to be -- the spaced mounting bores--.

The phrase "the aligning mounting holes" as recited in line 11 appears to be -- the aligning mounting bores--.

Before the phrase "the top plate" as recited in line 11, inserts a phrase -- the mounting holes of--.

Re. Claim 3: After the phrase "fixture engages" as recited in line 3, change the phrase "the" to --a--.

Re. Claim 6: Before the phrase "voice coil" as recited in line 2, change the phrase "the" to --a--.

Before the phrase "lower suspension" as recited in line 4, change the phrase "the" to --a--.

Re. Claim 12: According to the steps (i) in claim 5, the phrase "the spaced surround clamp mounting holes" as recited in lines 3-4 appears to be --the spaced surround fixture mounting holes--. If it is not, please correct the phrase to clearly define the claimed invention.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Proni (US PAT. 6,219,431).

Proni teaches a process of making a loudspeaker comprising steps of: aligning a frame (14) and a motor structure (12) of the loudspeaker with one another and then connecting them together as shown in Fig. 1; forming a moving assembly (16) of the loudspeaker as a unit separate from the frame of the loudspeaker as shown in Fig. 1; and connecting the moving assembly to the frame and to the motor structure as shown in Fig. 1 (see also col. 4, lines 6-49).

As per claim 2 Proni also teaches a frame having a base (40) formed with a number of spaced mounting bores (108), a lower flange formed with a number of spaced locator holes (118) and an upper flange (38, 39) formed with a number of spaced surround locator holes as shown in Fig. 6; providing the motor structure having a top plate (22) formed with a number of spaced mounting holes (108); aligning the spaced mounting bores in the base of the frame with the spaced mounting holes in the top plate of the motor structure; and securing a number of screws (110) within the aligning mounting bores of the base of the frame and the spaced mounting holes in the top plate of the motor structure as shown in Fig. 6 (see also col. 6, lines 30-61).

7. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Sagawa (JP 57197999 A).

Sagawa teaches a process of making a loudspeaker comprising steps of: aligning a frame (11) and a motor structure (1) of the loudspeaker with one another and then connecting them together as shown in Fig. 1; forming a moving assembly (5) of the loudspeaker as a unit separate from the frame of the loudspeaker as shown in Fig. 2; and connecting the moving assembly to the frame and to the motor structure as shown in Fig. 3 (see also abstract).

Allowable Subject Matter

8. Claims 3-17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul D. Kim whose telephone number is 571-272-4565. The examiner can normally be reached on Monday-Thursday between 6:00 AM to 2:00 PM.

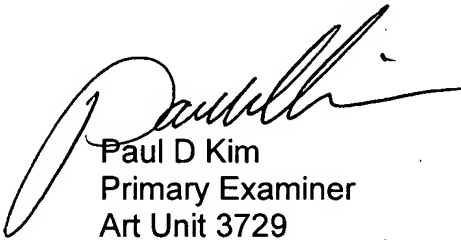
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on 571-272-4690. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Paul D Kim
Primary Examiner
Art Unit 3729